

objects made up of certain sized particles, the method comprising:

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- a) supplying a joint compound having particle sizes smaller than the certain sized particles;
 - b) applying the joining compound to opposing surfaces of the objects to be joined together;
 - c) heating the joint to a heating temperature below the melting point of [the] a lowest melting point constituent of the construct; and
 - d) applying pressure to the objects so as to direct the opposing surfaces toward each other [to create a construct], whereby the joint compound is intermediate the opposing surfaces.
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8. (Amended) The method as recited in claim 7 wherein the heating temperature is 0.5 to 0.7 the melting temperature of the lowest melting point constituent of the construct.

10. (Amended) The method as recited in claim 7 wherein the applied pressure and heating temperature are applied at an inverse relationship to each other.

Bv 4 11. (Amended) The method as recited in claim 7 wherein the solid objects are comprised of multiphase materials selected from the group consisting of ceramics, glass ceramics, intermetallic compounds, metals, and combinations thereof.

5 12. (Amended) The method as recited in claim 7 wherein the solid objects are two-phase bodies and wherein the volume percent of one phase to the other phase varies from 2 to 98.

REMARKS

Claims 7-13 are rejected under 35 U.S.C. 112, second paragraph as being indefinite. As to claim 7, the term "the certain", and "the lowest melting point constituent" and "the construct" has no antecedent basis.